

Rebuttal to supporters of BPL.

BPL SHALL produce interference to licensed services within the range of HF spectrum it wishes to occupy.

Real-world tests, performed by qualified individuals, using NIST traceable calibrated equipment, in both fixed and mobile environments, have positively proven - by monitoring in ACTUAL 'in use' test sites - the EXTREMELY powerful radiated signals.

These signals block all but the strongest signals on the spectrum that they are allowed to radiate within.

Again, these are NOT empirical models based on computer predictions BUT real-world examples. (See ARRL video MPEG file presentation of the actual results of testing done within an actual 'on-line test site'.

The rebuttal to those who say that BPL will NOT promote a problem is the actual results prove them wrong.

The detriment to the Country..

1) Inability of amateur radio operators to perform their charter as defined in Part 97.1 (BASIS AND PURPOSE)

2) reduction of amaateurs ability to support Homeland Defense by providing critical back-up communications services to Agencies, relief groups, and others in U.S. Communities due to interference from BPL.

3) Denial of spectrum allocations IN THE FUTURE as it will impact already entrenched BPL interests

4) Denial of ability to further experiment, develop, and fine=tune weak-signal AND new digital modes due to inability to detect signals under the BPL noise floor.

5) Lack of EFFECTIVE mechanism to promote quick and efficient resolution of any interference issues that arise due to the unidentified nature of the BPL transmissions and the lack of ability to easily identify teh source of the signals to which interference is being recieved from